Amendments to the Claims

1. (Previously Presented) A method for providing a compact interface for display of an object hierarchy having a plurality of levels, comprising:

displaying a first level root node of the object hierarchy in a first window;

upon selection of the first level root node in the first window, displaying a pop-up window that includes a listing of all second level child nodes of the first level root node immediately adjacent and to a right side of the first level root node in the first window; and

selecting one of the second level child nodes from the listing of all second level child nodes included in the pop-up window;

wherein, upon selection of one of the second level child nodes, the pop-up window that includes the listing of all second level child nodes of the first level root node disappears from the first window, and is replaced by the selected second level child node, which is displayed immediately adjacent and to the right side of the first level root node in the first window, wherein the first level root node and the selected second level child node are displayed in a linear horizontal arrangement in the first window, and wherein a depth of a navigation path through the object hierarchy increases from left to right in the first window.

2. (Previously Presented) The method of claim 1, further comprising:

upon selection of the displayed second level child node in the first window, displaying a pop-up window that includes a listing of all third level child nodes of the displayed second level child node immediately adjacent and to a right side of the displayed second child node in the first window; and

selecting one of the third level child nodes from the listing of all third level child nodes included in the pop-up window;

wherein, upon selection of one of the third level child nodes, the pop-up window that includes the listing of all third level child nodes of the displayed second level child node disappears from the first window, and is replaced by the selected third level child node, which is displayed immediately adjacent and to the right side of the displayed second child node in the first window, wherein the first level root node, the second child node, and the selected third level child node are displayed in a linear horizontal arrangement in the first window.

3. (Previously Presented) The method of claim 2, further comprising:

selectively repeating the above-described steps for at least one subsequent level in the object hierarchy, wherein each selected node is displayed immediately adjacent and to a right side of a selected node from a previous level of the object hierarchy in the first window, and wherein each selected node from a previous level in the object hierarchy and each selected node from a subsequent level in the object hierarchy are displayed in a linear

horizontal arrangement in the first window.

4. (Previously Presented) The method of claim 3, wherein the first level root node and any selected nodes are displayed in a linear horizontal arrangement in the first window, wherein only a single node is displayed for each level of the object hierarchy.

5. (Previously Presented) The method of claim 4, further comprising, upon selection of one of the displayed nodes in the first window:

displaying a pop-up window over the selected displayed node in the first window that includes a listing of all sibling nodes of the selected displayed node, and displaying a pop-up window in the first window that includes a listing of all child nodes of the selected displayed node adjacent and to the right of the selected displayed node.

6. (Previously Presented) The method of claim 4, further comprising, upon selection of one of the displayed nodes in the first window:

displaying a pop-up window adjacent and to the left of the selected displayed node in the first window that includes a listing of at least one level of ancestor nodes of the selected displayed node, displaying a pop-up window over the selected displayed node in the first window that includes a listing of all sibling nodes of the selected displayed node, and displaying a pop-up window adjacent

and to the right of the selected displayed node in the first window that includes a listing of all child nodes of the selected displayed node.

7. (Previously Presented) The method of claim 4, further comprising, upon selection of one of the displayed nodes in the first window:

displaying a pop-up window to the left of the selected displayed node in the first window that includes a listing of each level of ancestor nodes of the selected displayed node, displaying a pop-up window over the selected displayed node in the first window that includes a listing of all sibling nodes of the selected displayed node, and displaying a pop-up window to the right of the selected displayed node in the first window that includes a listing of each level of descendant nodes of the selected displayed node.

8. (Original) The method of claim 1, further comprising:

associating at least one of the displayed nodes with a functionality; and

upon selection of one of the displayed nodes, executing the functionality associated with the selected node.

9. (Previously Presented) A system for providing a compact interface for display of an object hierarchy having a plurality of levels, comprising:

a display system for displaying elements of the compact interface in a first window;

a system for selecting displayed elements of the compact interface in the first window; and

a system for updating the compact interface based on the elements selected by the selecting system;

wherein, upon selection of a first level root node displayed in the first window, a listing of all second level child nodes of the first level root node is displayed in a pop-up window immediately adjacent and to a right side of the first level root node in the first window, and wherein, upon selection of one of the second level child nodes from the listing of all second level child nodes included in the pop-up window, the listing of all second level child nodes of the first level root node disappears from the first window, and is replaced by the selected second level child node, which is displayed immediately adjacent and to the right side of the first level root node in the first window, wherein the first level root node and the selected second level child node are displayed in a linear horizontal arrangement in the first window, and wherein a depth of a navigation path through the object hierarchy increases from left to right in the first window.

10. (Previously Presented) The system of claim 9, wherein, upon selection of the displayed second level child node in the first window, a listing of all third level child nodes of the second level child node is displayed in a pop-up window immediately adjacent and to a right side of the second child node in the first window, and wherein, upon selection of one of the third level child nodes from the listing of all third level child nodes included in the pop-up window, the window listing all third level child nodes of the second level child node disappears from the first window, and is replaced by the selected third level child node, which is displayed immediately adjacent and to the right side of the second child node in the first window, wherein the first level root node, the second child node, and the selected third level child node are displayed in a linear horizontal arrangement in the first window.

11. (Cancelled).

12. (Previously Presented) The system of claim 10, wherein the first level root node and any selected nodes are displayed in a linear horizontal arrangement in the first window, wherein only a single node is displayed in the first window for each level of the object hierarchy.

13. (Previously Presented) The system of claim 12, wherein, upon selection of one of the displayed nodes in the first window, a pop-up window that includes a listing of all sibling nodes of the selected displayed node is displayed over the selected displayed node in the first window, and a pop-up window that includes a listing of all child nodes of the selected displayed node is displayed adjacent and to the right of the selected displayed node in the first window.

14. (Previously Presented) The system of claim 12, wherein, upon selection of one of the displayed nodes in the first window, a pop-up window that includes a listing of at least one level of ancestor nodes of the selected displayed node is displayed adjacent and to the left of the selected displayed node in the first window, a pop-up window that includes a listing of all sibling nodes of the selected displayed node is displayed over the selected displayed node in the first window, and a pop-up window that includes a listing of all child nodes of the selected displayed node is displayed adjacent and to the right of the selected displayed node in the first window.

15. (Previously Presented) The system of claim 12, wherein, upon selection of one of the displayed nodes in the first window, a pop-up window that includes a listing of each level of ancestor nodes of the selected displayed node is displayed adjacent and to the left of the selected displayed node in the first window, a pop-up window that includes a listing of all sibling nodes of the selected displayed

node is displayed over the selected displayed node in the first window, and a pop-up window that includes a listing of each level of descendant nodes of the selected displayed node is displayed adjacent and to the right of the selected displayed node in the first window.

Claims 16-20 (Cancelled).

21. (Previously Presented) A program product stored on a recordable medium for providing a compact interface for display of an object hierarchy having a plurality of levels, which when executed comprises:

program code for displaying a first level root node of the object hierarchy in a first window;

program code for displaying a pop-up window that includes a listing of all second level child nodes of the first level root node immediately adjacent and to a right side of the first level root node in the first window, upon selection of the first level root node; and

program code for causing the pop-up window that includes the listing of all second level child nodes of the first level root node to disappear from the first window upon selection of one of the second level child nodes, and for displaying the selected second level child node immediately adjacent and to the right side of the first level root node in the first window, wherein the first level root node and the selected second level child node are displayed in a linear horizontal

arrangement in the first window, and wherein a depth of a navigation path through the object hierarchy increases from left to right in the first window.

22. (Previously Presented) The program product of claim 21, further comprising:

program code for displaying a pop-up window that includes a listing all third level child nodes of the displayed second level child node immediately adjacent and to a right side of the displayed second child node in the first window, upon selection of the displayed second level child node; and

program code for causing the pop-up window that includes the listing of all third level child nodes of the displayed second level child node to disappear from the first window, upon selection of one of the third level child nodes, and for displaying the selected third level child node immediately adjacent and to the right side of the displayed second child node in the first window, wherein the first level root node, the second child node, and the selected third level child node are displayed in a linear horizontal arrangement in the first window.

23. (Previously Presented) The program product of claim 22, further comprising:

program code for selectively repeating the above-described steps for at least one subsequent level in the object hierarchy, wherein each selected node is displayed immediately adjacent and to a right side of a selected node from a previous level of the object hierarchy in the first window, and wherein each selected node from a previous level in the object hierarchy and each selected

node from a subsequent level in the object hierarchy are displayed in a linear horizontal arrangement in the first window.

24. (Previously Presented) The program product of claim 23, wherein the first level root node and any selected nodes are displayed in a linear horizontal arrangement in the first window, wherein only a single node is displayed for each level of the object hierarchy in the first window.

25. (Previously Presented) The program product of claim 24, further comprising, upon selection of one of the displayed nodes in the first window:

program code for displaying a pop-up window over the selected displayed node in the first window that includes a listing of all sibling nodes of the selected displayed node, and for displaying a pop-up window that includes a listing of all child nodes of the selected displayed node adjacent and to the right of the selected displayed node in the first window.

26. (Previously Presented) The program product of claim 24, further comprising, upon selection of one of the displayed nodes in the first window:

program code for displaying a pop-up window adjacent and to the left of the selected displayed node that includes a listing of at least one level of ancestor nodes of the selected displayed node in the first window, for displaying a pop-up window that includes a listing of all sibling nodes of the selected

displayed node over the selected displayed node in the first window, and for displaying a pop-up window adjacent and to the right of the selected displayed node that includes a listing of all child nodes of the selected displayed node in the first window.

27. (Previously Presented) The program product of claim 24, further comprising, upon selection of one of the displayed nodes in the first window:

program code for displaying a pop-up window to the left of the selected displayed node that includes a listing of each level of ancestor nodes of the selected displayed node in the first window, for displaying a pop-up window that includes a listing of all sibling nodes of the selected displayed node over the selected displayed node in the first window, and for displaying a pop-up window to the right of the selected displayed node that includes a listing of each level of descendant nodes of the selected displayed node in the first window.

28. (Original) The program product of claim 21, further comprising:

program code for associating at least one of the displayed nodes with a functionality; and

program code for executing the functionality associated with the selected node, upon selection of one of the displayed nodes.